Heredity **67** (1991) 381–383

Author Index

Alessi, A. M. *see* Vitturi, R.

Alvarez, M. T., Fominaya, A. & Perez de la Vega, M. A possible effect of B-chromosomes on metaphase I homologous chromosome association in rye **123**

Amico, F. P. *see* Vitturi, R.

Amos, B., Barrett, J. & Dover, G. A. Breeding behaviour of pilot whales revealed by DNA fingerprinting **49**

Aradhya, K. M., Mueller-Dombois, D. & Ranker, T. A. Genetic evidence for recent and incipient speciation in the evolution of Hawaiian *Metrosideros* (Myrtaceae) **129**

Barrett, J. *see* Amos, B.

Barrett, J. A. *see* Ibrahim, K. M.

Barrette, R. J. *see* Herbert, P. D. N.

Beaton, M. J. *see* Herbert, P. D. N.

Bidau, C. J. *see* Tosto, D. S.

Bijlsma, R. *see* Oudman, L.

Billington, N. *see* Herbert, P. D. N.

Black IV, W. C. *see* Kambhampati, S.

Black, R. *see* Johnson, M. S.

Boileau, M. G. *see* Herbert, P. D. N.

Bougourd, S. M. *see* Holmes, D. S.

Boyle, T. J. B. *see* Rogers, D. L.

Brncic, D. *see* Budnik, M.

Brooks, A. & Johnson, T. E. Genetic specification of life span and self-fertility in recombinant-inbred strains of *Caenorhabditis elegans* **19**

Budnik, M., Cifuentes, M. & Brncic, D. Quantitative analysis of genetic differentiation among European and Chilean strains of *Drosophila subobscura* **29**

Byrne, M. & James, S. H. Genetic diversity in the cycad *Macrozamia riedlei* **34**

Catalano, E. *see* Vitturi, R.

Cifuentes, M. *see* Budnik, M.

Clark, G. M. *see* Foster, G. G.

Colombera, D. *see* Vitturi, R.

van Delden, W. *see* Hofman, A.

van Delden, W. *see* Oudman, L.

Dover, G. A. *see* Amos, B.

Finston, T. L. *see* Herbert, P. D. N.

Fominaya, A. *see* Alvarez, M. T.

Fontdevila, A. *see* Naveira, H.

Foster, G. G., Weller, G. L. & Clark, G. M. Male crossing over and genetic sexing systems in the Australian sheep blowfly *Lucilia cuprina* **365**

Frank, S. A. Ecological and genetic models of host–pathogen coevolution **73**

Fucso, G. *see* Randi, R.

García-Vázquez, E. *see* Izquierdo, J. I.

Gasperi, G., Guglielmino, C., Malacrida, A. R. & Milani, R. Genetic variability and gene flow in geographical populations of *Ceratitis capita* (Wied.) (medfly) **347**

González, A. *see* Taberner, A.

Guglielmino, C. *see* Gasperi, G.

Gupta, J. P. *see* Kumar, A.

Hamrick, J. L. *see* Murawski, D. A.

Hamrick, J. L. *see* Schnabel, A.

Hattemer, H. H. *see* Herzog, S.

Hayward, M. D. *see* Thorogood, D.

Hedrick, P. W., Hutchinson, E. S. & Mesler, M. Estimation of self-fertilization rate and alleic frequencies in diploidized tetraploids **259**

Heikkinen, E. & Lumme, J. Sterility of male and female hybrids of *Drosophila virilis* and *Drosophila lummei* **1**

Herbert, P. D. N., Billington, N., Finston, T. L., Boileau, M. G., Beaton, M. J. & Barrette, R. J. Genetic variation in the onychophoran *Plicatoperipatus jamaicensis* **221**

Herzog, A. *see* Herzog, S.

Herzog, S., Mushovel, C., Hattemer, H. H. & Herzog, A. Transferrin polymorphism and genetic differentiation in *Cervus elaphus* L. (European red deer) populations **231**

Hofman, A., van Delden, W. & van Zanten, B. O. Population genetics of the moss *Plagiothecium undulatum* (Hedw.) Schimp. I. Inheritance of allozymes **13**

Holmes, D. S. & Bougourd, S. M. B-chromosome selection in *Allium schoenoprasum* II. Experimental populations **117**

Hutchinson, E. S. *see* Hedrick, P. W.

Ibrahim, K. M. & Barrett, J. A. Evolution of mildew resistance in a hybrid bulk population of barley **247**

Izquierdo, J. I., García-Vázquez, E. & Villar, B. Correlated variation of chromosomal inversion (3R)C and extra bristles in *Drosophila melanogaster* **183**

James, S. H. *see* Byrne, M.

Jimenez, M. M. *see* Romera, F.

Johnson, M. S. & Black, R. Genetic subdivision of the intertidal snail *Bembicium vittatum* (Gastropoda: Littorinidae) varies with habitat in the Houtman Abrolhos Islands, Western Australia

Johnson, T. E. *see* Brooks, A.

Kambhampati, S., Black IV, W. C. & Rai, K. S. Geographic origin of the US and Brazilian *Aedes albopictus* inferred from allozyme analysis **85**

Kamping, A. *see* Oudman, L.

Khadem, M. & Krimbas, C. B. Studies of the species barrier between *Drosophila subobscura* and *D. madeirensis* I. The genetics of male hybrid sterility **157**

Krimbas, C. B. *see* Khadem, M.

Kumar, A. & Gupta, J. P. Heterosis and the lack of coadaptation in *Drosophila nasuta* **275**

Laushman, R. H. *see* Schnabel, A.

Levy, F. A genetic analysis of reproductive barriers in *Phacelia dubia* **331**

Lo Conte, M. R. *see* Vitturi, R.

Lorenzini, R. *see* Randi, R.

Lozano, R. *see* Parker, J. S.

Lumme, J. *see* Heikkinen, E.

McDonald, J. H. Contrasting amounts of geographical variation as evidence for direct selection: the *Mpi* and *Pgm* loci in eight crustacean species **215**

Malacrida, A. R. *see* Gasperi, G.

Mazer, S. J. & Schick, C. T. Constancy of population parameters for life history and floral traits in *Raphanus sativus* L.I. Norms of reaction and the nature of genotype environment interactions **143**

Mesler, M. *see* Hedrick, P. W.

Milani, R. *see* Gasperi, G.

Mitton, J. B. *see* Schuster, W. S. F.

Morgan, W. G. & Thomas, H. A study of chromosomes association and chiasma formation in the amphidiploid between *Lolium multiflorum* and *Festuca drymeja* **241**

Morgante, M., Vendramin, G. G. & Olivieri, A. M. Mating system analysis in *Pinus leucodermis* Ant.: detection of self-fertilization in natural populations **197**

Mueller-Dombois, D. *see* Aradhya, K. M.

Murawski, D. A. & Hamrick, J. L. The effect of the density of flowering individuals on the mating systems of nine tropical tree species **167**

Mushovel, C. *see* Herzog, S.

Naveira, H. & Fontdevila, A. The evolutionary history of *Drosophila buzzatii*. XXI. Cumulative action of multiple sterility factors on spermatogenesis in hybrids of *D. buzzatii* and *D. koepferae* **57**

Ocaña, J., Ruix de Villa, C. & Ribo, G. Bias and efficiency in estimating sexual selection. Levene's Z index and some resampling alternatives **95**

Olivieri, A. M. *see* Morgante, M.

Oudman, L., van Delden, W., Kampling, A. & Bijlsma, R. Polymorphism at the *Adh* and α*Gpdh* loci in *Drosophila melanogaster*: effects of rearing temperature on developmental rate, body weight, and some biochemical parameters **103**

Oxford, G. S. Visible morph-frequency variation in allopatric and sympatric populations of two species of *Enoplognatha* (Araneae: Theridiidae) **317**

Parker, J. S., Lozano, R., Taylor, S. & Ruia Rejón, M. Chromosomal structure of populations of *Scilla autumnalis* in the Iberian Peninsula **287**

Perez de la Vega, M. *see* Alvarez, M. T.

Puertas, M. J. *see* Romera, F.

Rai, K. S. *see* Kambhampati, S.

Randi, R., Fusco, G., Lorenzini, R., Toso, S. & Tosi, G. Allozyme divergence and phylogenetic relationships among *Capra*, *Ovis* and *Rupicapra* (Artyldactyla, Bovidae) **281**

Ranker, T. A. *see* Aradhya, K. M.

Ribo, G. *see* Ocaña, J.

Rogers, D. L. & Boyle, T. J. B. Unequal paternal contributions in black spruce polycross seedlots **373**

Romera, F., Jimenez, M. M. & Puertas, M. J. Factors controlling the dynamics of the B-chromosome polymorphism in Korean rye **189**

Ruia Rejón, M. *see* Parker, J. S.

Ruix de Villa, C. *see* Ocaña, J.

Sakai, A. K. *see* Weller, S. G.

Schick, C. T. *see* Mazer, S. J.

Schnabel, A., Laushman, R. H. & Hamrick, J. L. Comparative genetic structure of two co-occurring tree species, *Maclura pomifera* (Moraceae) and *Gleditsia triacanthos* (Leguminosae) **357**

Schuster, W. S. F. & Mitton, J. B. Relatedness within clusters of a bird-dispersed pine and the potential for kin interactions **41**

Taberner, A. & González, A. Chromosomal polymorphism and patterns of viability in natural populations of *Drosophila melanogaster* from cellar and vineyard **307**

Taylor, S. *see* Parker, J. S.

Thomas, H. *see* Morgan, W. G.

Thornalley, P. J. Population genetics of human glyoxalases **139**

Thorogood, D. & Hayward, M. D. The genetic control of self-compatibility in an inbred line of *Lolium perenne* L. **175**

Tosi, G. *see* Randi, R.

Tosto, D. S. & Bidau, C. J. Distribution of chromosome frequencies within a hybrid zone of *Dichroplus pratensis* (Melanoplinae, Acrididae) **299**

Vendramin, G. G. *see* Morgante, M.

Villar, B. *see* Izquierdo, J. I.

Vitturi, R., Catalano, E., Lo Conte, M. R., Alessi, A. M., Amico, F.

P. & Colombera, D. Intra-populational and intra-individual mosaicisms of *Uranoscopus scaber* L. (Perciformes, Uranoscopidae) **325**

Weller, G. L. *see* Foster, G. G.

Weller, S. G. & Sakai, A. K. The genetic basis of male sterility in *Schiedea* (Caryophyllaceae), an endemic Hawaiian genus **265**

van Zanten, B. O. *see* Hofman, A.

Heredity **67** (1991) 384–385

Keyword Index

Adh **103**
Aedes albopictus **85**
allele frequencies **85**
Allium shcoenoprasum **117**
allotetraploid **241**
allozyme
  analysis **167**
  variation **85**
allozymes **13, 197, 215, 221, 281**
antagonistic pleiotropy **19**
autotetraploidy **357**

B-chromosome **117, 123, 189, 287**
barley **247**
black spruce **373**
bootstrapping **95**
bryophytes **13**

caprinae **281**
cellar **307**
centric fusion **299**
Ceratitis capita **347**
Cervus elaphus **231**
chromosomal
  inversion **183**
  polymorphism **307**
chromosome association **123, 241**
coadaptation **275**
colour polymorphism **317**
composite cross **247**
correlation In(3R)C–E.B. **183**
Crustaceans **215**
cycad **34**
cytotype geography **287**

DNA fingerprinting **49**
developmental time **103**
diabetes **129**
diabetic complications **139**
differentiation **231**
dioecy **265**
disease **73**
Drosophila **57**
  melanogaster **103, 183, 307**
  nasuta **275**
  subobscura **29**

electrophoresis **41, 281**
electrophoretic markers **347**
Enoplognatha **317**
Erysimum menziesii **259**
European and Chilean *D. subobscura* **29**
evolution **1, 129**
extra bristles **183**

fertility **19**
Festuca drymeja **241**
fitness **117**
fixation indices **197**
F_{ST} **205**

gametophytic **175**
gene
  duplication **13**
  flow **205, 347**
genetic
  control **231, 365**
  differentiation **129**
  differentiation in *Drosophila* **29**
  diversity **34**
  sexing **365**
  structure **357**
  subdivision **205**
  variability **347**
genetics **73**
genotype–environment interaction **143**
geographic variation **215**
geographical populations **347**
germination **117**
Gleditsia tricanthos **357**
glyoxolase **139**
αGpdh **103**
grasshopper **299**
gynodioecy **265**

Hawaii **265**
heritability **143**
heterosis **275**
host–pathogen interaction **247**
hybrid
  sterility **157, 331**
  zone **299**

In(3R)C **183**
incipient speciation **129**
incompatibility **175**
interpopulation differences **29**
inversion **275, 307**
isozyme analysis **34, 373**
isozymes **129**

jack-knifing **95**

karyology **325**
kin selection **41**

Levene's Z index **95**
life-history **19**
life span **19**
limber pine **41**
littorine snail **205**
Lolium
  multiflorum **241**
  perenne **175**
Lucilia cuprina **365**

Maclura pomifera **357**
male
  hybrids **57**
  recombination **365**
  sterility **265**
mannose-6-phosphate isomerase **215**
Marrozamia riedlei **34**
mating systems **167**
Metrosideros **129**
minisatellite locus **49**
model **73**
mosaicism **325**
mtDNA **221**
multiple discriminant analysis **85**

norms of reaction **143**

Onychophora **221**
outcrossing rates **197**

Panama **167**
paternal contribution **373**
Phacelia **331**
phenotypic plasticity **143**
phylogenetic trees **281**
phylogeny **221**
pilot whales **49**
Pinus leucodermis **197**
pisces **325**
plants **73**
pollen **175**
polycross seeds **373**
polygenes **57**
polymorphism **73**
polyploid complex **287**
polyploidy **259**
population
  cytogenetics **117**
  structure **287**
populations **275**
postzygotic isolation **1**
powdery mildew **247**
progeny analysis **13**
protein polymorphism **231**

Raphanus **143**
recombinant inbred **19**
reproductive
  barriers **331**
  isolation **331**
resampling **95**
rye **123**

Schiedea **265**
Secale cereale **123, 189**
selection **117, 247, 317**
selective breeding **19**
self-compatibility **175**
self-fertilization rate **259**
sex chromosomes **157**
social groups **49**
spatial autocorrelation **357**
speciation **1, 221, 331**
species barrier **157**
spermatogenesis **57**
spider **317**
sterility **57**
subdioecy **265**
supernumeray segment **287**
sympatric populations **317**

temperature **103**
tree density **167**
tropical trees **167**

Uranoscopus scaber **325**

viability **307**

weight **103**
wing variation **29**